

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

Quantitation Report (QT Reviewed)

Data File : VU030498.D

Acq On : 27 Mar 2019 21:05

Operator : JC/SP

Sample : K2022-15DL 1000X

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 28 04:18:17 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 28 02:45:06 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

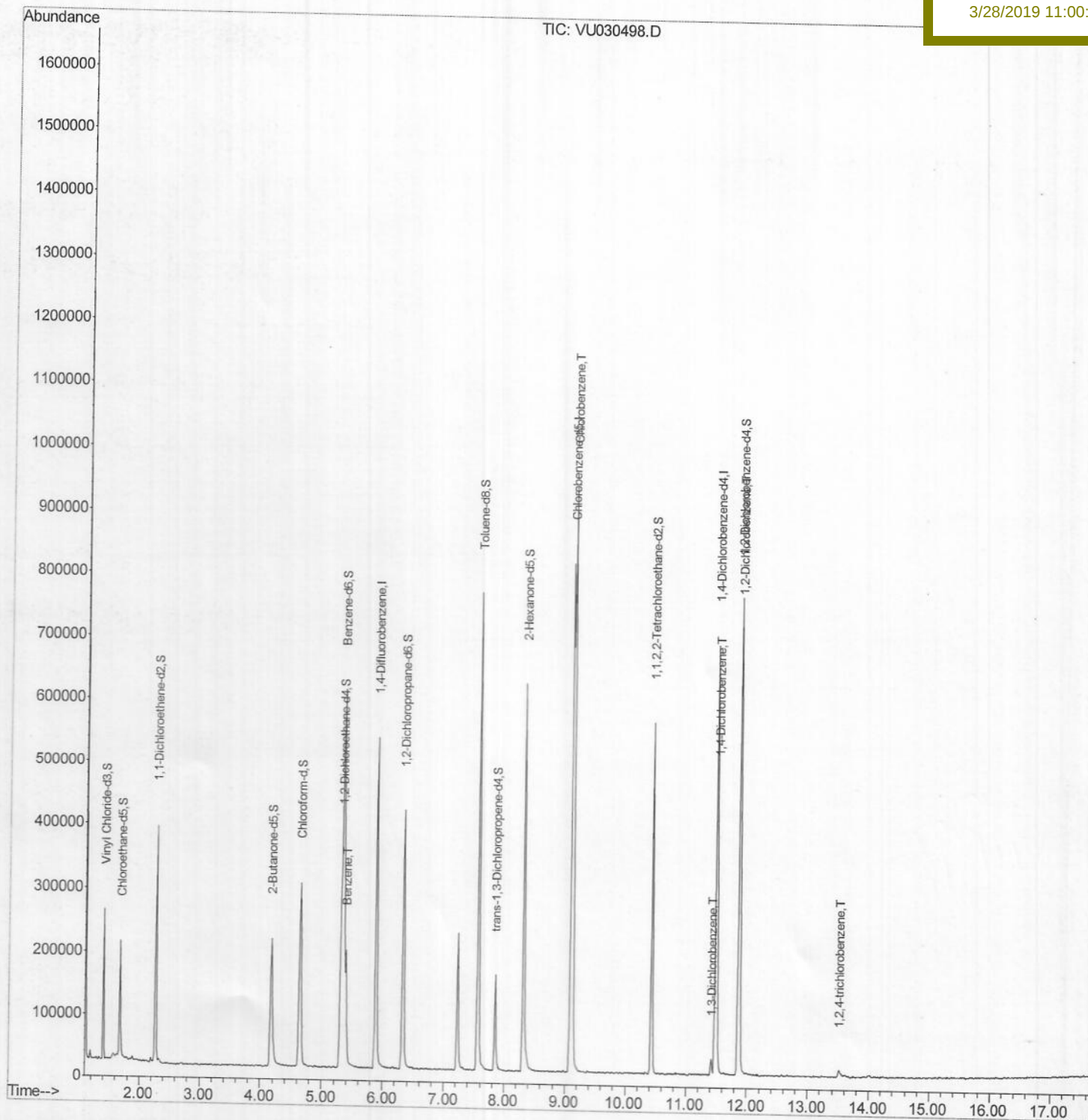
C09D9DL

Manual Integrations

APPROVED

MMDadoda

3/28/2019 11:00:33 AM



SOMULM032319WMA.M Thu Mar 28 04:16:14 2019

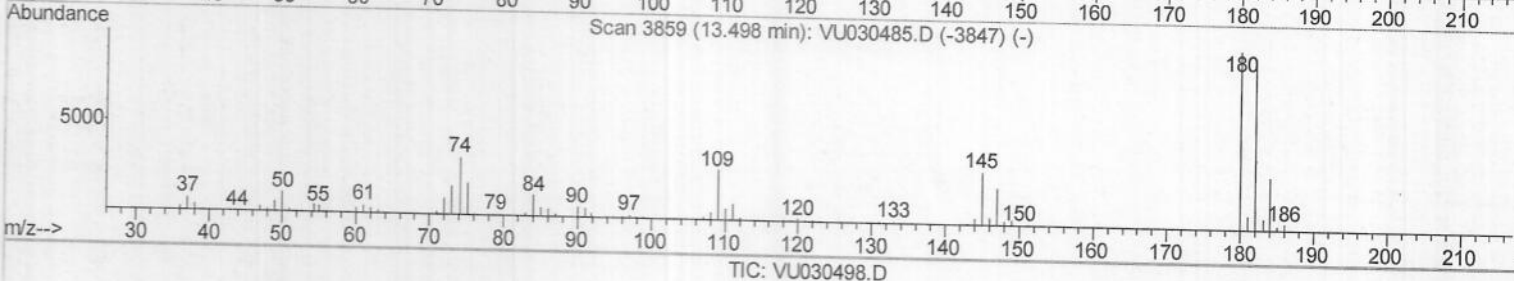
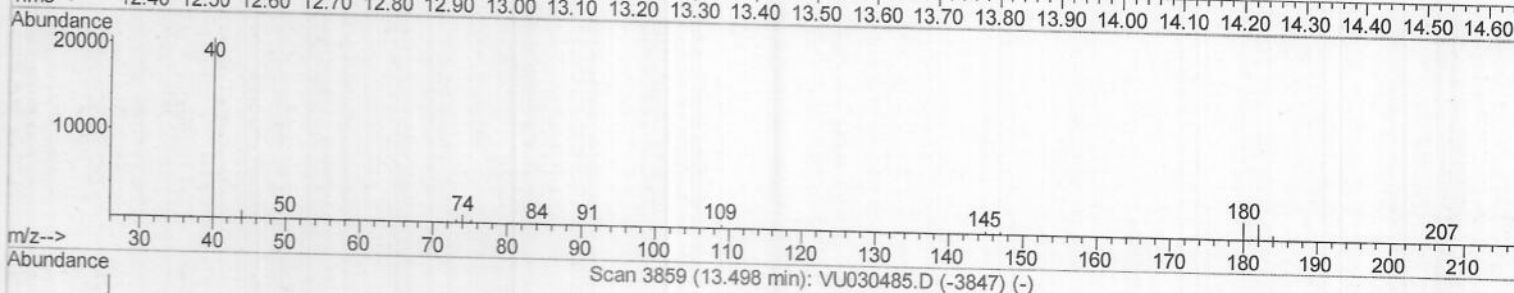
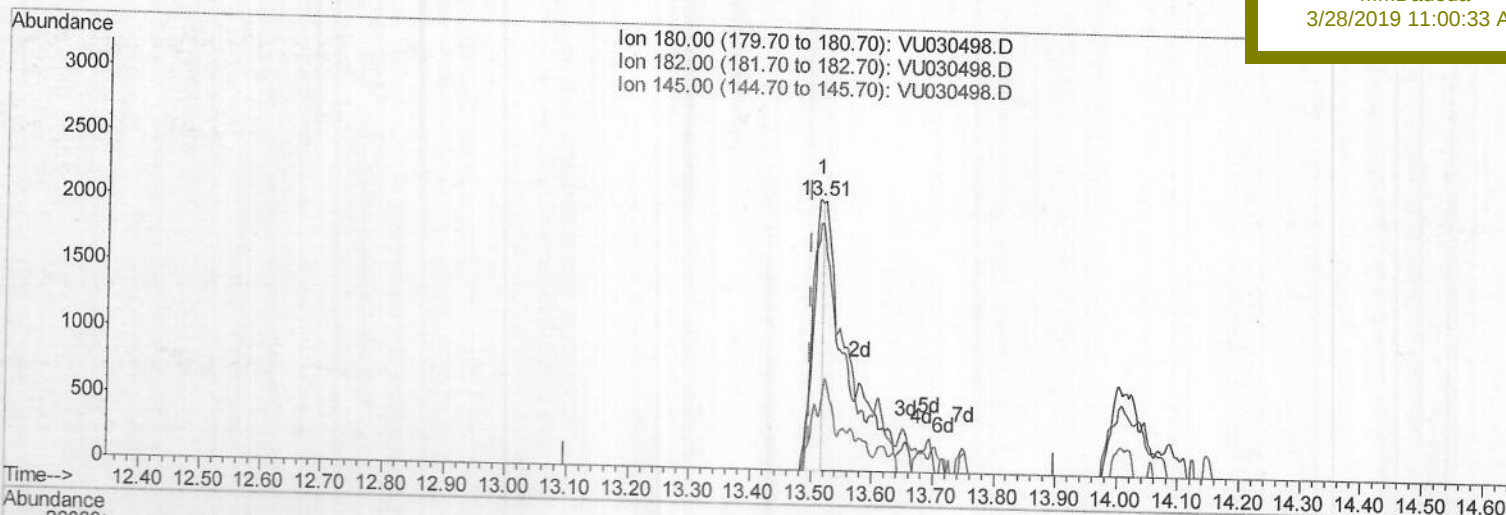
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Quant Time: Mar 28 02:50:20 2019
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3/28/2019 11:00:33 AM



(68) 1,2,4-trichlorobenzene (T)

13.514min (+0.016) 0.68ug/L

response 2360

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	179.58#
145.00	30.60	27.58
0.00	0.00	0.00

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Quantitation Report (Qedit)

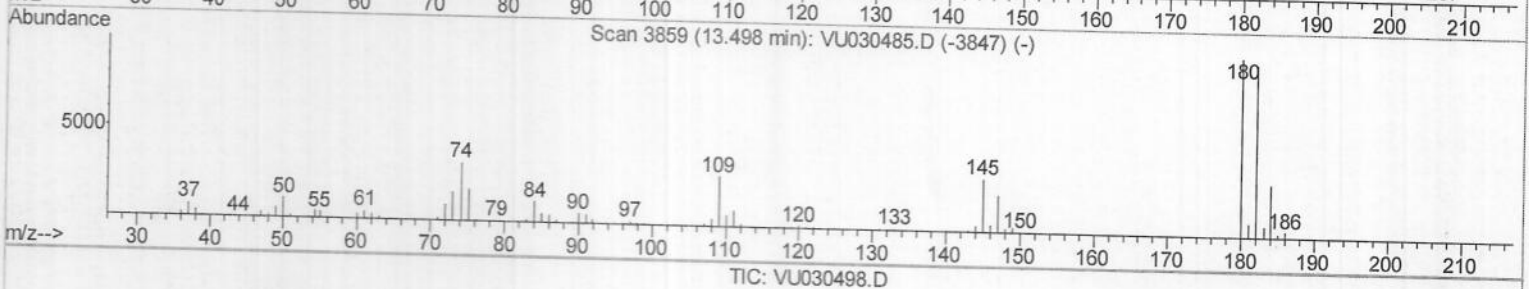
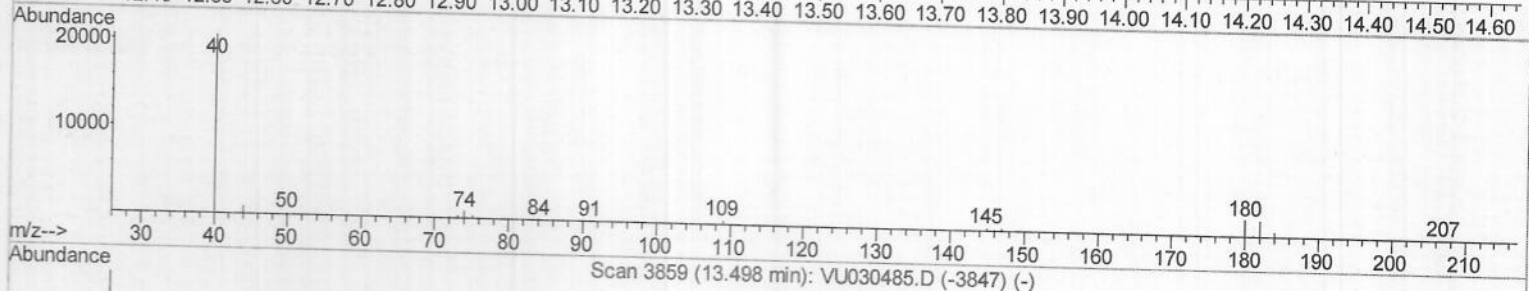
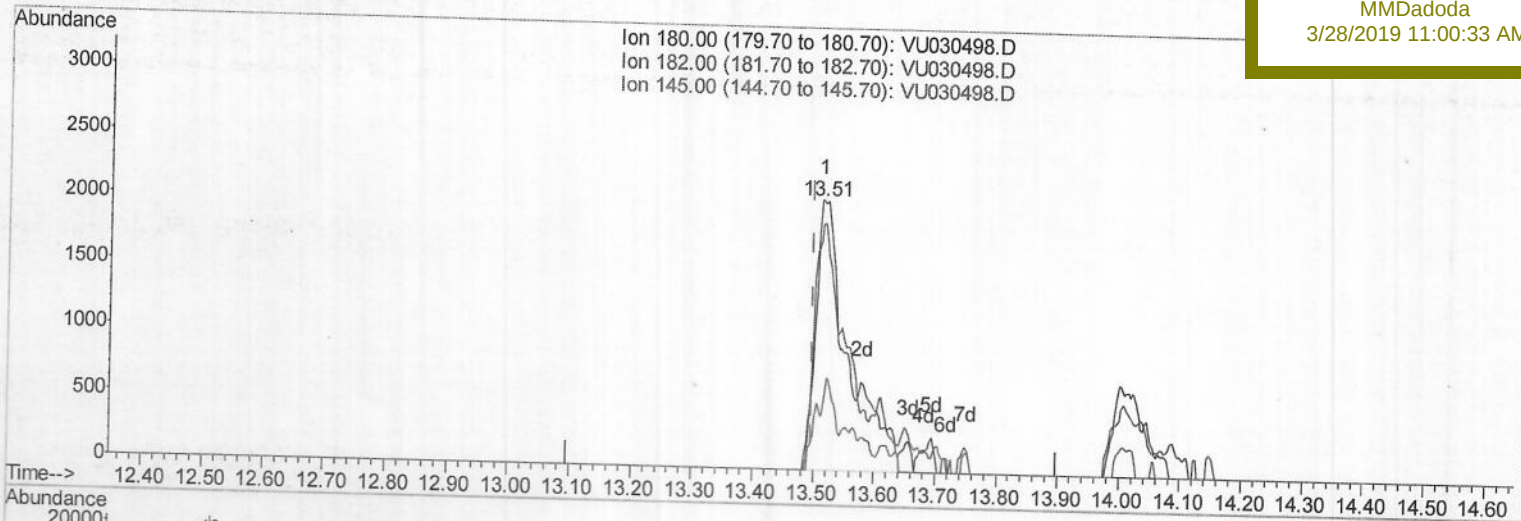
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APPROVED

MMDadoda
3/28/2019 11:00:33 AM



(68) 1,2,4-trichlorobenzene (T)

13.514min (+0.016) 2.21ug/L m

response 7690

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	55.11#
145.00	30.60	8.47#
0.00	0.00	0.00

m.p.
4/5/19

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3/28/2019 11:00:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	432782	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	405562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	151025	43.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.72%		
7) Chloroethane-d5	1.68	69	131005	47.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.90%		
11) 1,1-Dichloroethene-d2	2.27	63	224498	33.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.96%		
21) 2-Butanone-d5	4.17	46	344686	105.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.27%		
24) Chloroform-d	4.65	84	293793	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.92%		
26) 1,2-Dichloroethane-d4	5.31	65	201052	51.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.40%		
32) Benzene-d6	5.34	84	579694	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.68%		
36) 1,2-Dichloropropane-d6	6.33	67	208221	52.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.66%		
41) Toluene-d8	7.56	98	498886	47.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.52%		
43) trans-1,3-Dichloropropene-	7.85	79	87875	46.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.92%		
47) 2-Hexanone-d5	8.31	63	212261	98.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.44%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287909	50.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.12%		
64) 1,2-Dichlorobenzene-d4	11.85	152	173855	53.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.02%		

Target Compounds

					Qvalue
33) Benzene	5.39	78	179503	13.002	ug/L 100
51) Chlorobenzene	9.12	112	460527	53.034	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	10512	1.964	ug/L 96
63) 1,4-Dichlorobenzene	11.50	146	102155	18.538	ug/L 96
65) 1,2-Dichlorobenzene	11.87	146	135625	25.058	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	7690m	2.209	ug/L

(#) = qualifier out of range (m) = manual integration (+) = signals summed

m.D
4/5/19